

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: RIEBE, Michael Thomas, et. al.

Serial No.: To Be Assigned Group Art Unit:

Filed: Concurrently Herewith Examiner:

For: VALVE FOR AEROSOL CONTAINER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request that the references identified on Form PTO-1449 appended hereto be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR 1.97

- ☐ Copies of the references are enclosed
☒ Copies of the references were submitted in parent application Serial No. 09/646,270 (37 CFR 1.98(d))
☐ A copy of the International Search Report which issued on International Application No. _____ is submitted herewith. All of the publications cited in the International Search Report are listed on the attached form PTO-1449 and Applicants understand that copies have been supplied to the U.S. Patent Office by the International Bureau.

- A. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the above application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

OR

- ☐ The Information Disclosure Statement submitted herewith is being filed before the mailing of a first office action after the filing of a Request For Continued Examination under 37 C.F.R. 1.114 (37 C.F.R. 1.97(b)(4)).

- B. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three months of the filing date of the above application or the date of entry into the national stage as set forth in § 1.491 of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either:

- (1) a final action under § 1.113 or
(2) a notice of allowance under § 1.311,
whichever occurs first.

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

- ☐ Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under § 1.97(c) (\$240.00).

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- C. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before the payment of the issue fee. Also enclosed is a copy of the International Search Report which Issued on International Publication No.

In accordance with the requirements of 37 CFR 1.97(d):

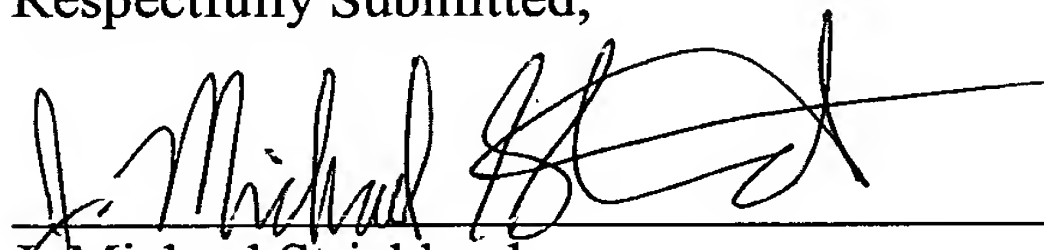
- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ Applicant hereby petitions for the consideration of the accompanying Information Disclosure Statement. 37 CFR 1.97(d)(ii).
- ☐ The petition fee set forth in § 1.17(i)(1) (\$130.00) is submitted herewith.

☒ Please charge any required fees to Deposit Account No.07-1392.

☐ A duplicate copy of this paper is attached.

September 11, 2003
Date

Respectfully Submitted,


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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO. PG3411US2		SERIAL NO. To Be Assigned	
				APPLICANT RIEBE, Michael Thomas, et. al.			
				FILING DATE Concurrently Herewith		GROUP	
U.S. PATENT DOCUMENTS							
Examiner Initials	Serial No.	Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	1.	3,658,214 A	04/25/72	BEARD, Walter C.			
	2.	4,693,799 A	09/15/87	YANAGIHARA, Kenji, et. al.			
	3.	6,345,740	02/2002	RIEBE, Michael Thomas			
	4.	6,318,603	11/2001	BURT, Peter Colin Weston			
	5.	5,027,986	07/02/91	HEINZEL, Irving C., et. al.			
	6.	3,709,410	01/09/73	CUNNINGHAM			
	7.	4,418,846	12/06/83	PONG, et. al.			
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	12.	5,836,299 A	11/17/98	KWON			
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	14.	3,552,608	01/05/71	SPERRY, et. al.			
	15.	6,149,892 A	11/21/00	BRITTO, Ignatius Loy			
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	26.	96/32099 A	10/17/96	PCT			
	27.	1227872 A	04/07/71	Great Britain			
	28.	2740527 A	04/30/97	France			
	29.	96/32344	10/17/96	PCT			
	30.	2,615,172	01/18/89	France			
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	36.	2740527	04/30/97	France			
	37.	52-106383	1976	Japan			
	38.	2 328 932 A	03/10/99	Great Britain			
	39.	98/35888 A	08/20/98	PCT			
	40.	99/06303 A	02/11/99	PCT			
	41.	97/09034 A	03/13/97	PCT			
	42.	97/16360 A	05/09/97	PCT			
	43.	99/42154	08/26/99	PCT			
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	44.	DATABASE WPI, Section Ch. Week 7742, Derwent Publications Ltd., London, GB; Class A97, AN 77-74880Y XP002107403 & JP 52 106383 A (Toyo Aerosol Ind) September 6, 1977					
Continue on page <u>2</u>							
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

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	17.	4,902,318	02/1990	STEVENS, et. al.			
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	20.	5,522,879	06/1996	SCOPELIANOS			
	21.	5,575,311	11/1996	KINGSFORD			
	22.	5,775,321	07/1998	ALBAND			
	23.	6,131,566	10/2000	ASHURST, et. al.			
	24.	6,143,277	11/2000	ASHURST, et. al.			
	25.	6,253,762	07/2001	BRITTO			
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		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
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OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)							
		#45 & #46 are the two papers published from Robert Ratway's thesis on plasma treatment (from NC State University, Raleigh, NC)					
	45.	Ratway, Robert J., et. al., "Surface Modification of Chlorobutyl Rubber by Plasma Polymerization," <i>Department of Materials Science and Engineering, North Carolina State University, Box 7907, Raleigh, NC 27695-7907</i> , (Received 3 June 1996; revised 21 February 1997; accepted 25 February 1997) Pages 1651 to 1660					
	46.	Ratway, Robert J., et. al., "Surface Modification of Nitrile Rubber by Plasma Polymerization," <i>Plasmas and Polymers</i> , Vol. 3, No. 2, 1998, Pages 129-147					
	47.	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 591 (C1272), 11 November 1994 & JP 06 220286A (MITSUBISHI CABLE IND LTD), 9 August 1994					
Continue on page ____							
EXAMINER					DATE CONSIDERED		
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